I & Final Bill **M. A. R. 57 (Rule 116)** Work Code - 005-20-000013
Measurement Book **No. B** Est Cost Rs-50.00 Lacs

Serial No. ..... Providing Pump Motors And PVC Pipe lines 498134
Name of Work ..... No. 05 Surrounding Area in From ..... To ..... Byatarayanapura Sub division
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name & Contractor - Sri. T. Nataraj # 02. I & Main Road. Amarajyothi Layout. Cholanagara R T Nagara Post. Bangalore-560032						
	Work order No. - BBMP/EE/BTP/WO/207/2019-20.						
(1)	Supply and delivery of side brand New Texmo/Kirloskar/Sabar/Atlanta/Calamal/Watermark/Radha make						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Suitable HP deep well submersible pump set Suitable for vertical installation in 150dia borewate complessing 3 Stage of mesh Stage CI Pump close couple by means of Stainless Steel Coupli to Suitable HP Suitable Steel to Sally enclosed and fixed with Pure Suitable being Water Submer cases submersible induction motor suitable for operation of 3Ph 50Hz 380/440 volts AC Supply fixed with necessary accessories such as Stain casing Suction Strainer Sand guard non return valve etc.. Complete the pump and motor Shall from an Approved make as mentioned						

Scanned by CamScanner

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498435

erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing for Motor 20 HP 12.50 HP 25 Stage ex. Complete.						
						3 Nos	167549:58
	Rate. 55849:86						
(2)	For Motor 15 HP 30 Stage.						
						3 Nos	
	Rate. 62863:02						188589:06

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Referen to last Measuren
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	17.5 HP 3Ø Stage.						
						3 Nos	214214:
	Rate. 71404:74						
(4)	20 HP 3Ø Stage.					3 Nos	
							269067:
	Rate. 89689:05						
(5)	Supplying and delivery as the size brand						
	NEW / Essen / Lotus / Sunshine / Anand / Pk control						
	best endorsed as make Complete energy meter						

Scanned by CamScanner

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498136

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CCMM Console Panel board unit of size 1200 x 600 x 300mm minimum mechanically strong and vermin and water proof the unit shall have double door suitable for operation on 3 ph 50 Hz 380/440 volts AC supply with spring loaded latch locking with a key with provision to locked provided inside the door canopy arrangement ventilations shall be provided the combined energy meter CCMM Control Panel board unit shall be provided the combined energy meter CCMM Control Panel board unit						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Suitable for operation on 3 Ph 50 Hz 380/440 V AC Supply Shall be Compact ESE-Compact Power board Shall be fabricated on single unit in the above Components panel board for Suitable Pump set above Components panel board for Suitable Pump set above Components panel board for Suitable Pump sets above up to 20 HP with Standard Starters (MR).					20 Nos	
	Rate · 20790:00						415800

Scanned by CamScanner

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498437

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(6) Providing laying and jointing CI Pipes Conforming to IS Specification & approved make with fittings such as Coupling bends elbows tees nipples flanges MI Cups sluices reducing socket and spigot joints wherever necessary as per direction including all lead and MS etc. complete A Grade (Exceeding 600 mm & upto 800 mm) CI Pipes B class. Rate. 410:85					1850.00 Mtr 760072:50	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Supply and fixing Collar for C.I Pipes 80 mm Rate · 178 : 20					308 No.s	54885 : 6
(8)	Supplying & Submersible Pump Cable 1 x 3 x 6 Sqmm.					2500.00 Mtr	356400 :
(9)	Rate · 142 : 56 Supplying and Fixing MCB.						

Scanned by CamScanner

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498438

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Rate. 891:00					50 Nos	44500:00
(10)	Earth work Excavation for foundation & building Water Supply Sanitary lines and electrical conduiting either in pits or in trenches 1.50 mtr and above in width in ordinary soil not exceeding 1.00 mtr in depth including dressing the bottom and sides of pits and						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	trenches Shoveling the excavated Soil clear from edges & excavation with Load upto 50 m after Shoveling & leads complete as per Specifi-					$1348.20\ m^3$	
	Rate · 313:77						423024:
(11)	Providing and installing as per Size & work 63mm (0.662) PVC Pipes & Gulley including cost Pipes and Specials and labour including lowering in trenches (being done to the level & gradi-						

Scanned by CamScanner

M. A. R. 57 (Rule 116)
Measurement Book

No. B 198139

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Lining of joints Leak proof including joining & approved type with all Lugs in and Lift charges handling charges including enlarging the pipe ground to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. Complete Rate. 390:38					2996.00 Mtr	1169578:48

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(12) Refilling available earth around Pipe lines in layers not exceeding 200mm in depth compacting each deposited layer by ramming after watering with heads upto 50 mm and lifts upto 1.50 mm including cost & all charges complete as per Specification.					1348.20 M³	
	Rate. 126:28					171194:43	
	(13) Fabricating supplying and mounting MS box & 16 SWG suitable for floor wall mounting fully weather proof with provision for sein						

Scanned by CamScanner

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498140

erial No. .....

lame of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near description (Providing WSH hinged front cover						
	earthed with tamper proof locking arrangement						
	WSH suitable size clamps WSH necessary cast iron						
	pipe WSH stand and size should be finished 2 coats						
	of red oxide primer paint and finally finished WSH						
	approved colour enamelled paint etc. complete.					440000.00 Sqcm	
	Rate. 0:34						149600.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Supplying and fixing 8 Porcelain Insulators with cast iron spindle on existing wooden/Panel wiring necessary nuts bolts and washers etc complete					150 Nos	
	Rate. 148:80						2275:00
(15)	Supplying and laying 8 LT XLPE Cables having aluminium conductor PVC insulated Sheathed galvanised steel wire/steel tape armoured Cable with PVC outer Sheathing 1.1 kV Class in Cable 16 Sqmm Cable etc complete.						

Scanned by CamScanner

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498141

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						250.00 MSV	
	Rate: 168:25						42062:50
	TOTAL for other SR items including GST Sl No. 13 to 15						Rs. 213938:00
	Total for PWD SR-2018-19 Sl No. 1012						Rs. 4232357:00
	ADD 12% GST on PWD SR 2018-19						Rs. 507883:00
						Total Amount	Rs. 4954178:00

9/4/20

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

9.4.20

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate (1) Certified that the work done satisfactory. (2) This bill among has not been in any previous bill.						

9/9/22
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

9/9/22
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Scanned by CamScanner